

**Appn. No. 09/780,113**  
**Amdt. dated: August 20, 2003**  
**Reply to *Final Office Action* of June 20, 2003**

**Amendment to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1: (cancelled)

Claim 2: (cancelled)

Claim 3: (cancelled)

Claim 4: (cancelled)

Claim 5: (cancelled)

Claim 6: (cancelled)

Claim 7: (cancelled)

Claim 8: (cancelled)

Claim 9: (cancelled)

Claim 10: (cancelled)

Claim 11: (cancelled)

Claim 12: (cancelled)

Claim 13. (Previously Amended) An isolated oligonucleotide consisting of the nucleotide sequence of SEQ ID NO: 15.

Claim 14: (cancelled)

Claim 15: (cancelled)

**Appln. No. 09/780,113**  
**Amdt. dated: August 20, 2003**  
**Reply to Final Office Action of June 20, 2003**

Claim 16: (cancelled)

Claim 17: (cancelled)

Claim 18: (cancelled)

Claim 19: (cancelled)

Claim 20: (cancelled)

Claim 21: (cancelled)

Claim 22: (cancelled)

Claim 23: (cancelled)

Claim 24: (cancelled)

Claim 25: (cancelled)

Claim 26: (cancelled)

Claim 27: (cancelled)

Claim 28: (cancelled)

Claim 29: (cancelled)

Claim 30: (cancelled)

Claim 31: (cancelled)

Claim 32: (cancelled)

Claim 33: (cancelled)

Claim 34: (cancelled)

Claim 35: (cancelled)

Claim 36: (cancelled)

Claim 37: (cancelled)

Claim 38: (cancelled)

**Appln. No. 09/780,113**  
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Claim 39. (Previously Amended) An oligonucleotide kit for detection of raphidophyte cells comprising an oligonucleotide consisting of the nucleotide sequence of SEQ ID NO: 15.

Claim 40. (Original) The kit of claim 39 further including one or more hybridization buffers.

Claim 41: (cancelled)

Claim 42: (cancelled)

Claim 43: (cancelled)

Claim 44: (cancelled)

Claim 45: (cancelled)

Claim 46: (cancelled)

Claim 47: (cancelled)

Claim 48: (cancelled)

Claim 49: (cancelled)

Claim 50: (cancelled)

Claim 51: (cancelled)

Claim 52: (cancelled)

Claim 53: (cancelled)

Claim 54: (cancelled)

Claim 55: (cancelled)

Claim 56: (cancelled)

Claim 57: (cancelled)

Claim 58: (cancelled)

Claim 59: (cancelled)

**Appln. No. 09/780,113**  
**Amdt. dated: August 20, 2003**  
**Reply to *Final Office Action* of June 20, 2003**

Claim 60: (cancelled)

Claim 61: (cancelled)

Claim 62: (cancelled)